

# N'-(3-ethoxy-phenyl)-N,N-dimethyl-formamidine

<b>Other names:</b>	Formamidine, 3,3-dimethyl-1-(3-ethoxyphenyl)
<b>Inchi:</b>	InChI=1S/C11H16N2O/c1-4-14-11-7-5-6-10(8-11)12-9-13(2)3/h5-9H,4H2,1-3H3/b12-9+
<b>InchiKey:</b>	LEQCQQGBVXIKRE-FMIVXFBMSA-N
<b>Formula:</b>	C11H16N2O
<b>SMILES:</b>	CCOc1cccc(N=CN(C)C)c1
<b>Mol. weight [g/mol]:</b>	192.26

## Physical Properties

Property code	Value	Unit	Source
hf	-27.78	kJ/mol	Joback Method
hvap	50.78	kJ/mol	Joback Method
log10ws	-2.06		Crippen Method
logp	2.307		Crippen Method
mcvol	163.620	ml/mol	McGowan Method
pc	2306.95	kPa	Joback Method
rinpol	1682.00		NIST Webbook
rinpol	1682.00		NIST Webbook
rinpol	1682.00		NIST Webbook
tb	594.28	K	Joback Method
tc	809.67	K	Joback Method

## Sources

<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci990307l">http://pubs.acs.org/doi/abs/10.1021/ci990307l</a>
<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>Joback Method:</b>	<a href="https://en.wikipedia.org/wiki/Joback_method">https://en.wikipedia.org/wiki/Joback_method</a>
<b>McGowan Method:</b>	<a href="http://link.springer.com/article/10.1007/BF02311772">http://link.springer.com/article/10.1007/BF02311772</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=R118424&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=R118424&amp;Units=SI</a>

## Legend

<b>hf:</b>	Enthalpy of formation at standard conditions
<b>hvac:</b>	Enthalpy of vaporization at standard conditions
<b>log10ws:</b>	Log10 of Water solubility in mol/l
<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinqol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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